

FIG. 2

The diagram illustrates a complex communication system (22) enclosed in a large rectangular box. Inside, a central vertical bus connects various components:

- Processor:** The central component, connected to DRAM (102) and SRAM (103).
- Memory:** ROM (104) and RAM (105) are also connected to the central bus.
- Networking:** An ETHERNET INTERFACE (119) and an IEEE 1394 INTERFACE (112) are connected to the central bus.
- Telecommunications:** An ISDN INTERFACE (113) and a TVAC MODEM (114) are connected to the central bus.
- Wireless:** A CORDLESS INTERFACE (115) and a BUSINESS INTERFACE (116) are connected to the central bus.
- RF:** An RF AUDIO/VIDEO INTERFACE (120) is connected to the central bus.
- External Connections:**
 - Set-Top:** A SET-TOP (131) is connected to the system via a FIRE WIRE (124), IEEE 1394 (125), ISDN (126), and ETHERNET (127) interface.
 - Phone:** A DIGITAL PHONE (121) and a VIDEO PHONE/USER INTERFACE (130) are connected to the system.
 - Music:** An AUDIO (122) interface is connected to the system.
 - Power:** An auxiliary power source provides power to the system.
 - Line:** A LIFE LINE (SA-DSL (TWISTED PAIR TO FMP)) is connected to the system.
 - Modem:** A 28.8K, 56K, ISDN, ETC. (128) is connected to the system.
 - Other:** An auxiliary music channels (DAT, MIDI, ETC.) (129) is connected to the system.

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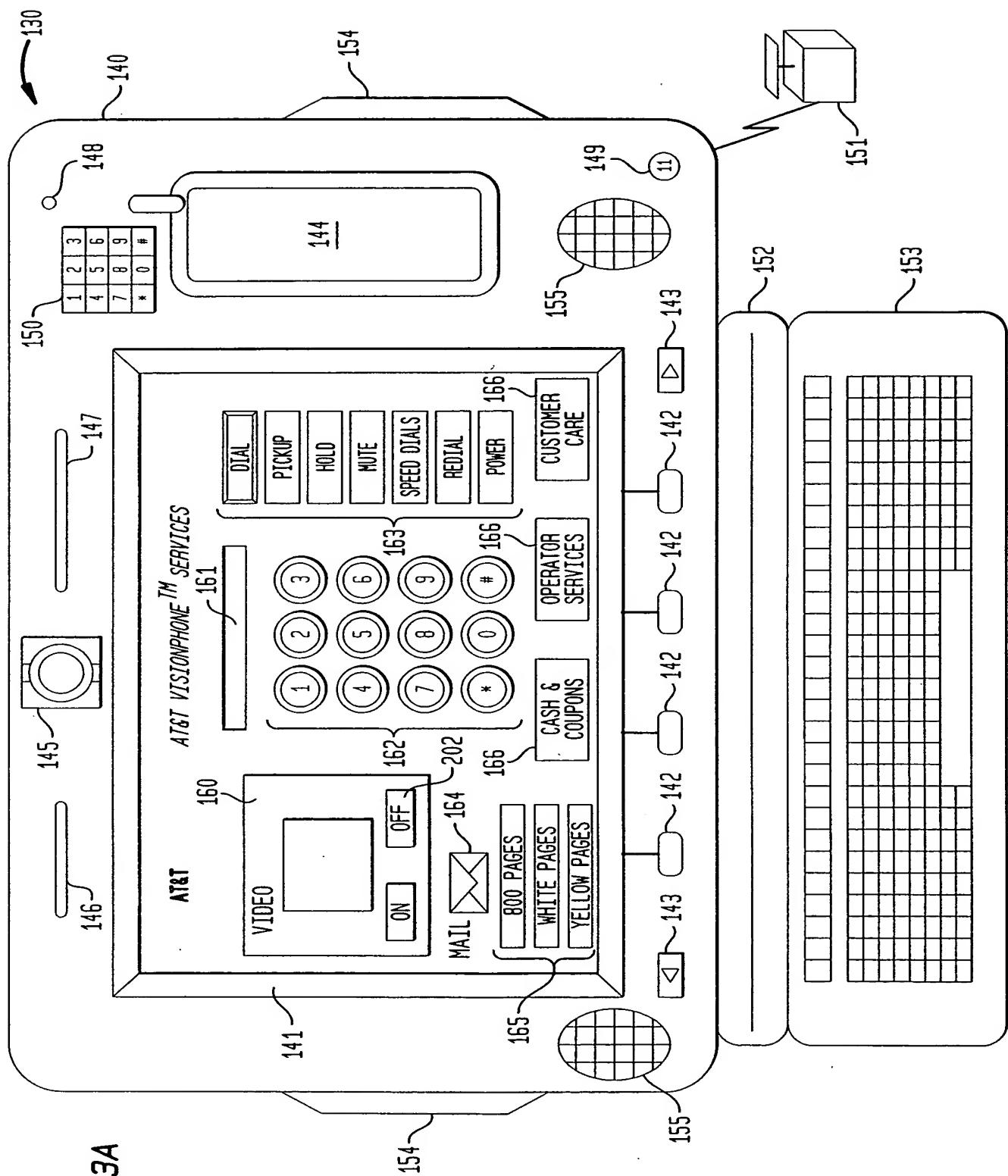


FIG. 3A

FIG. 3B

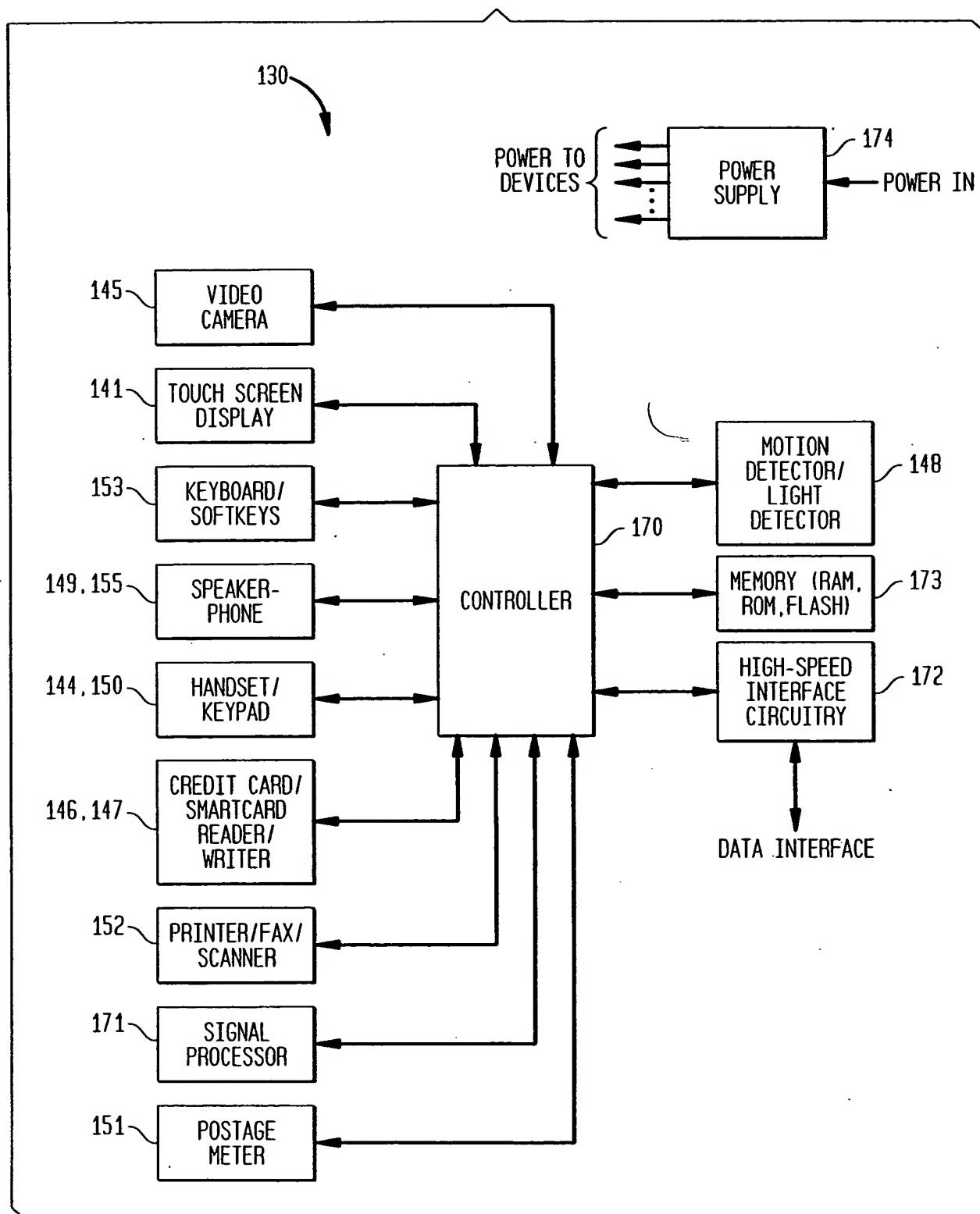


FIG. 4A

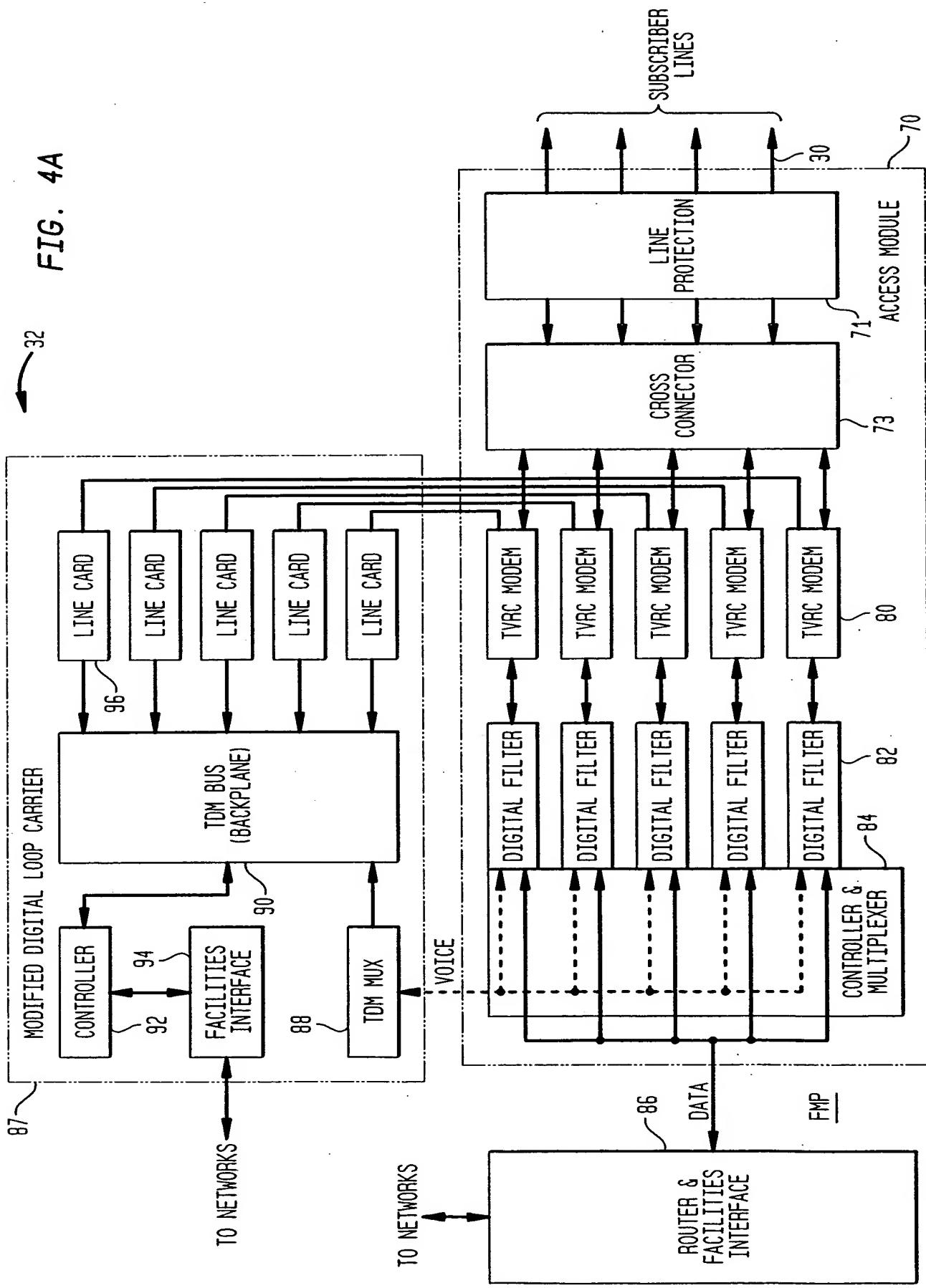
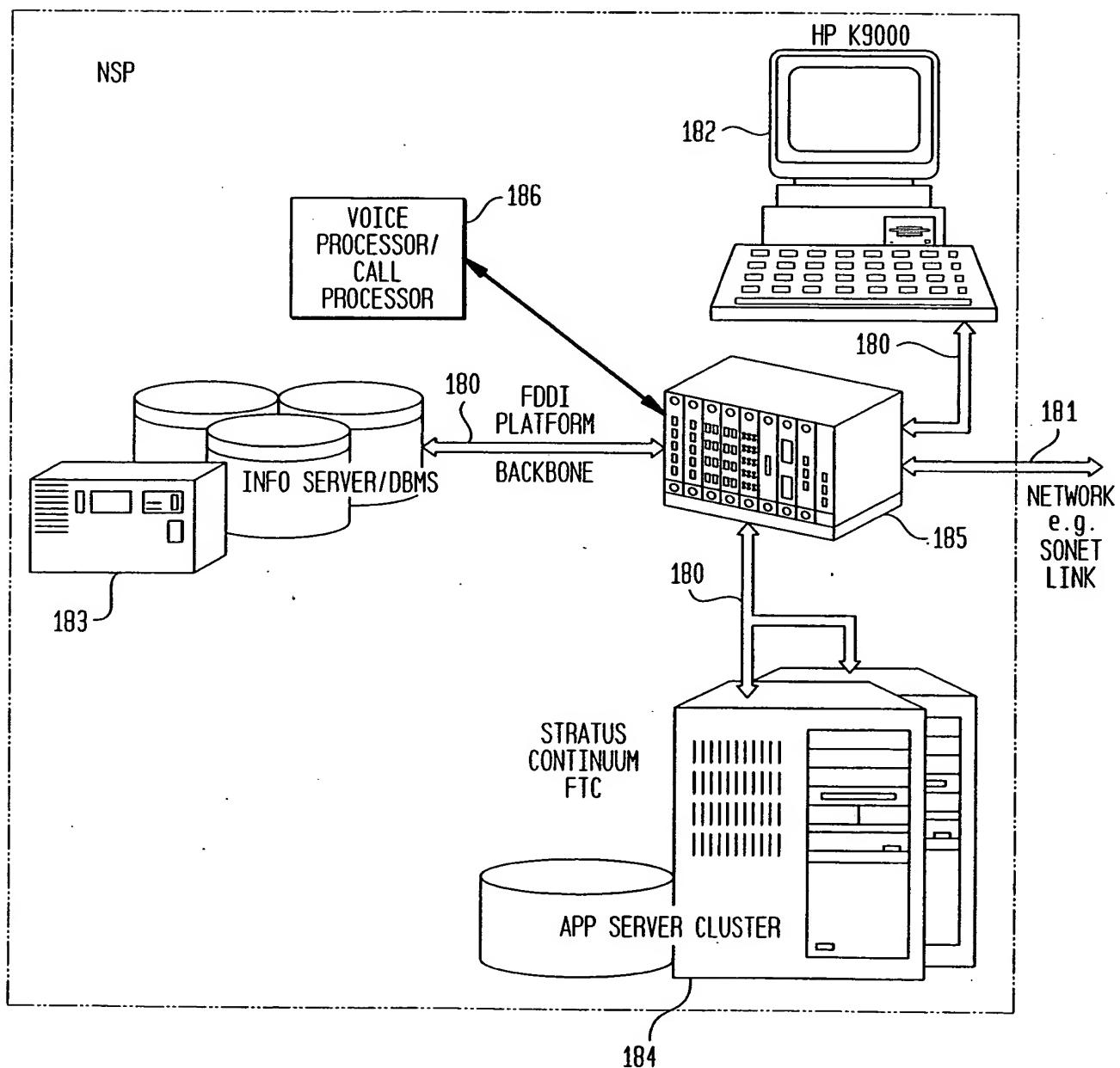


FIG. 4B

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FIG. 5

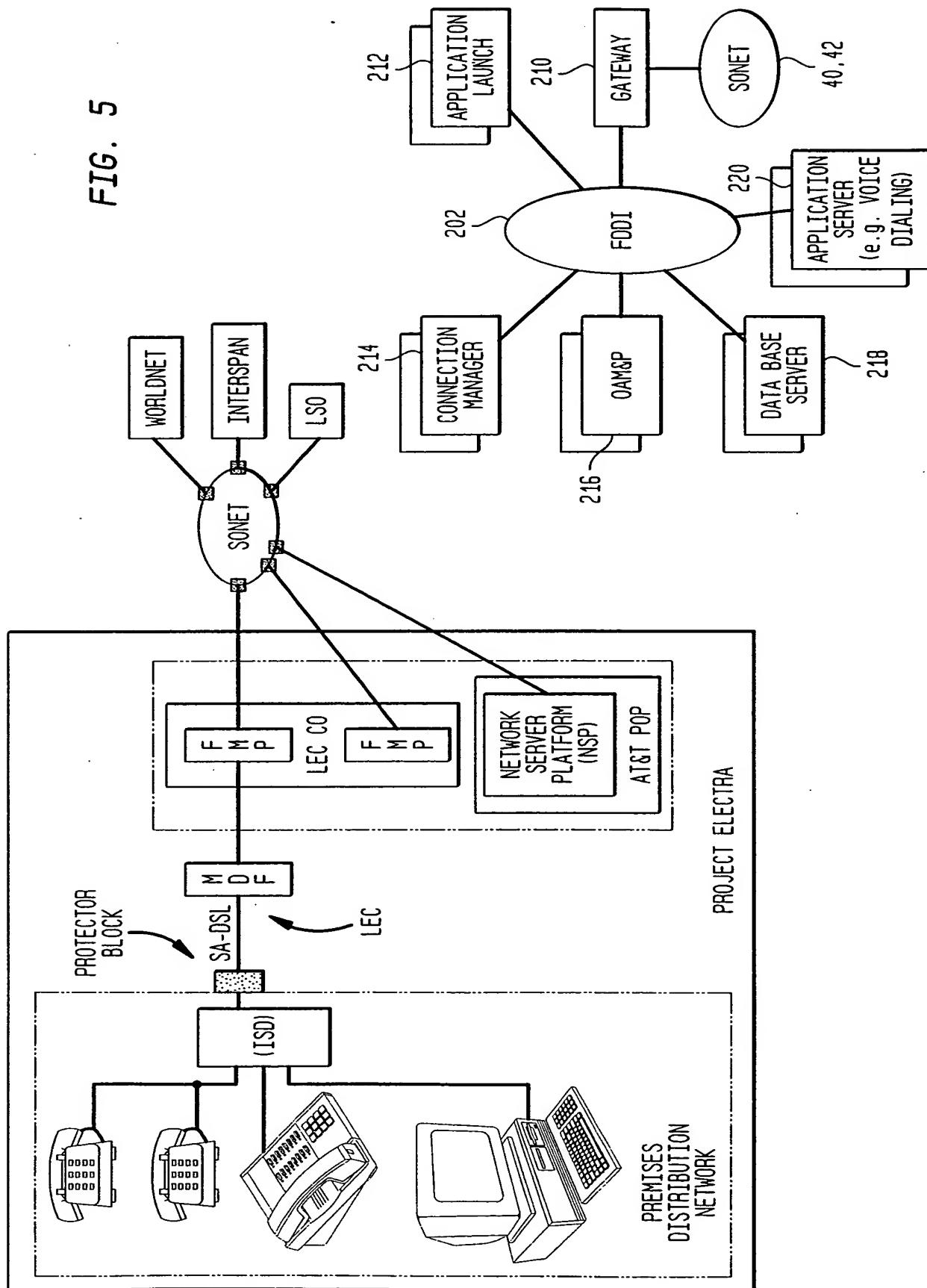


FIG. 6

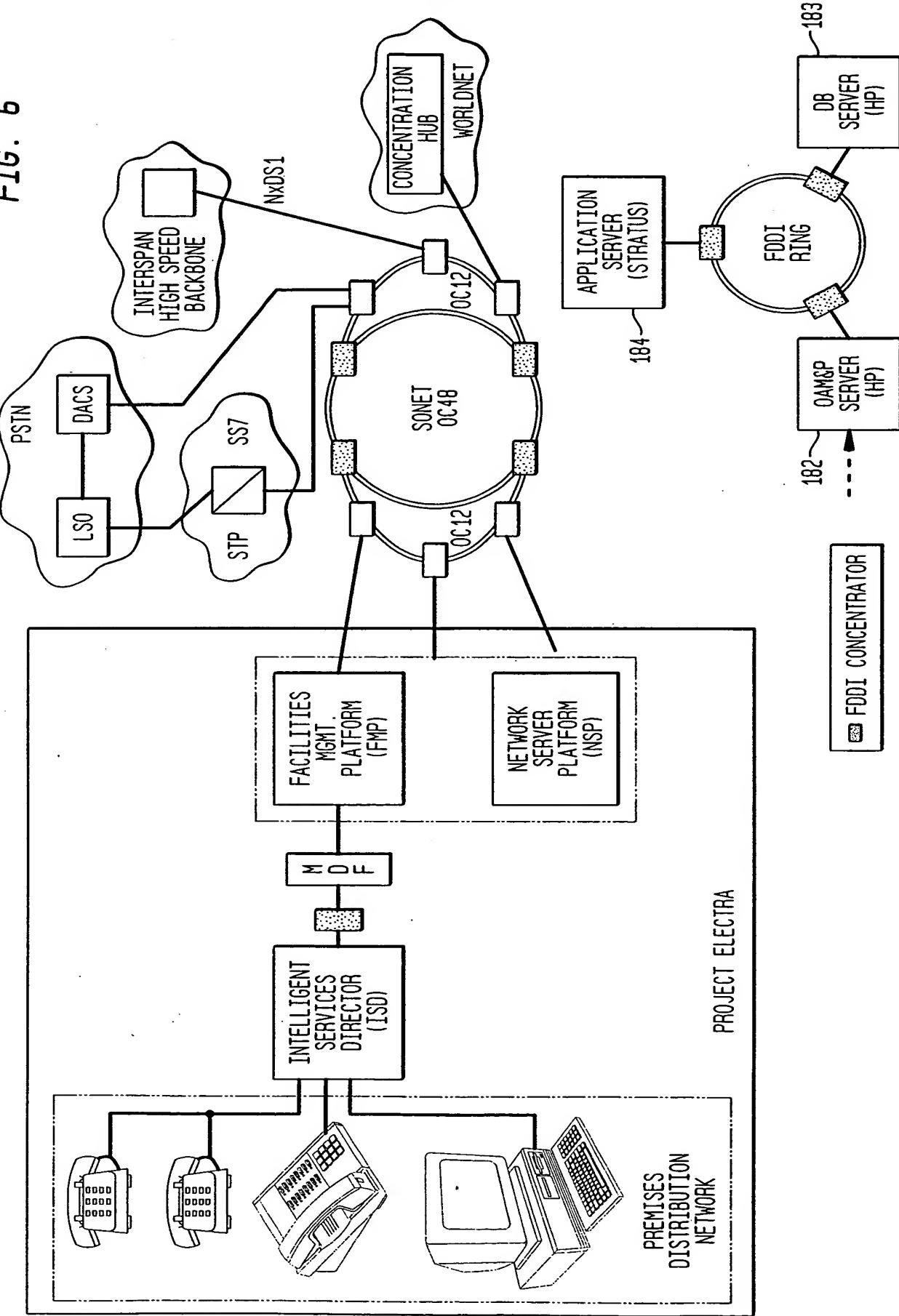


FIG. 7

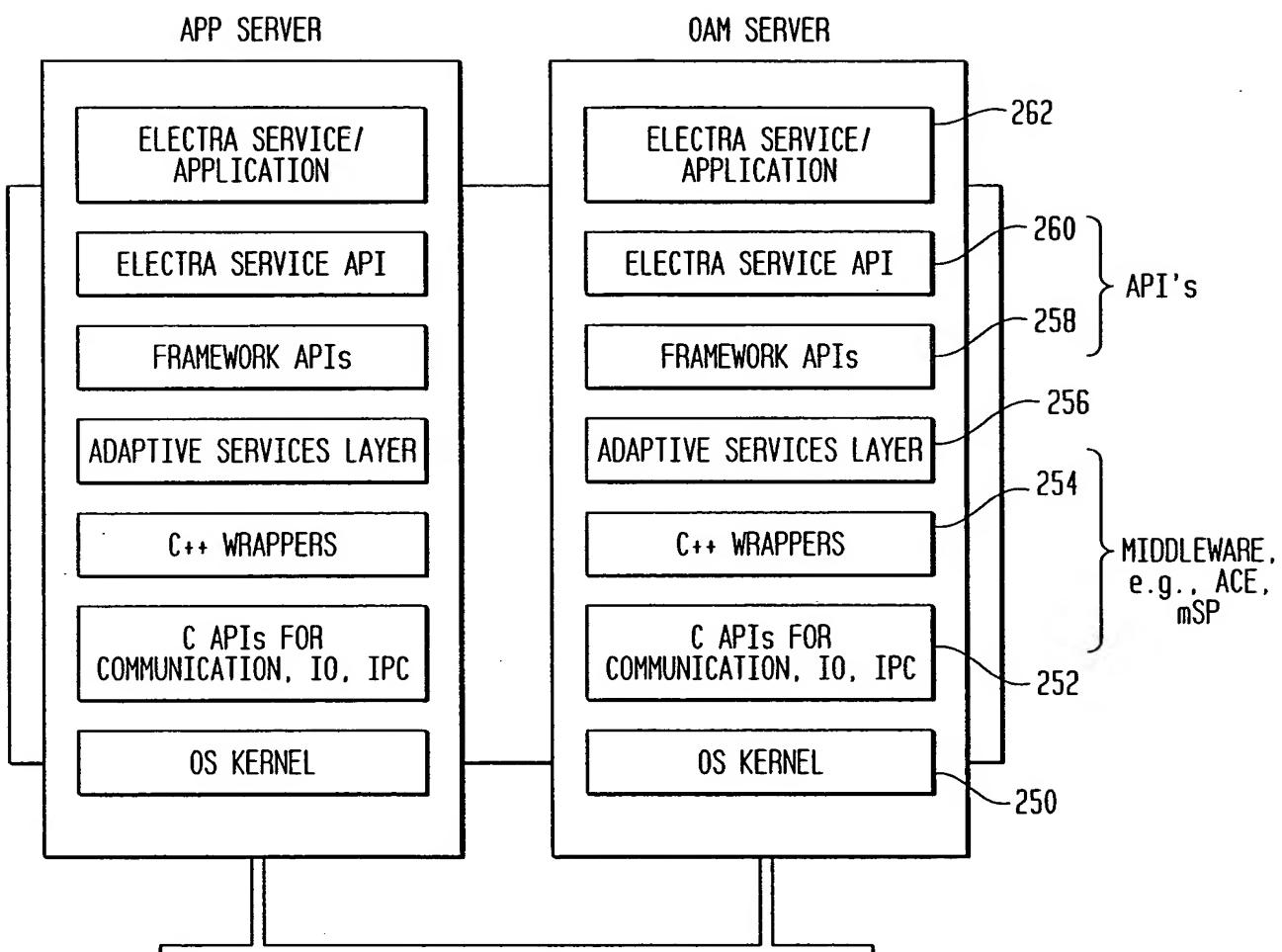
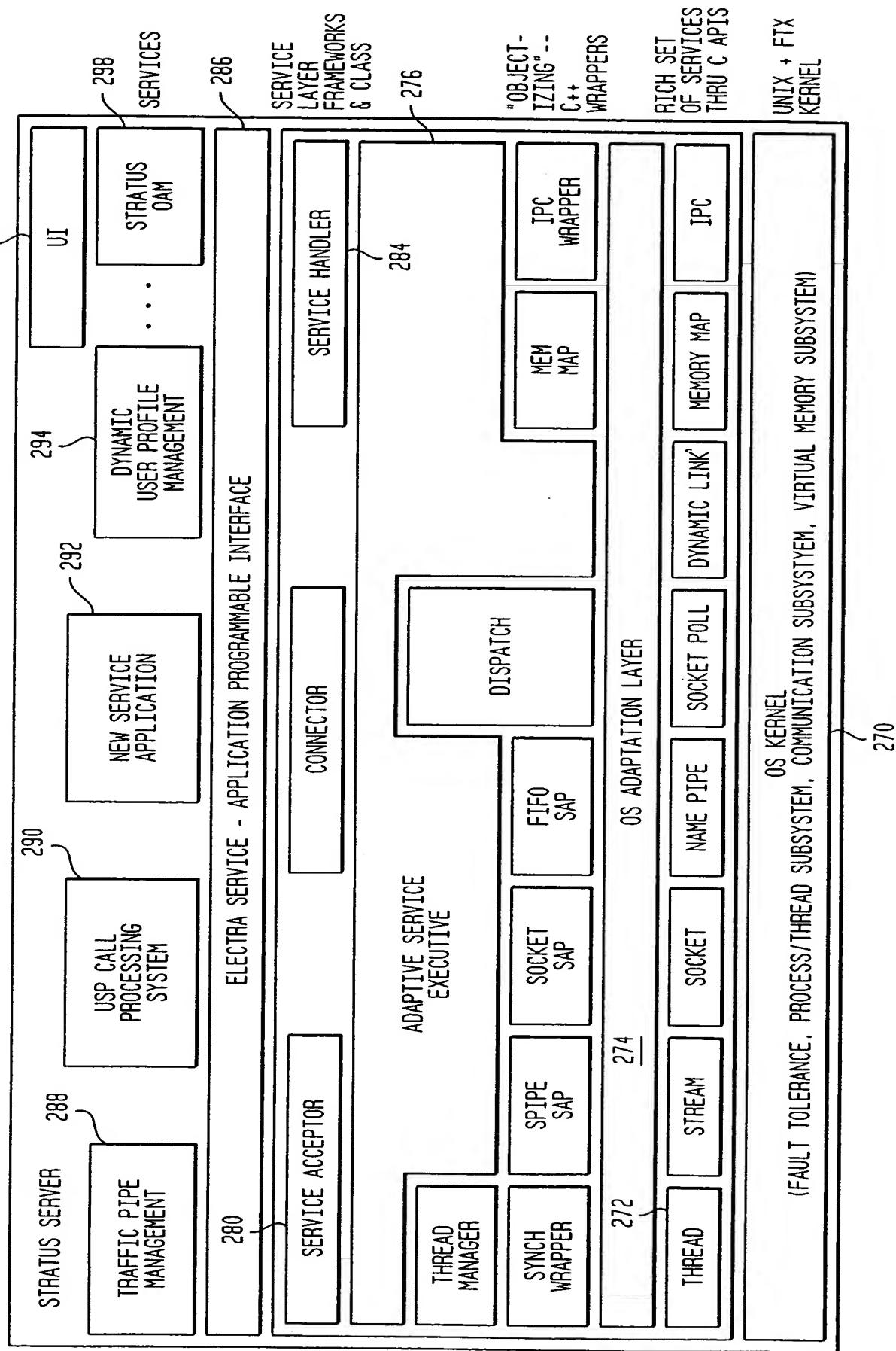


FIG. 8

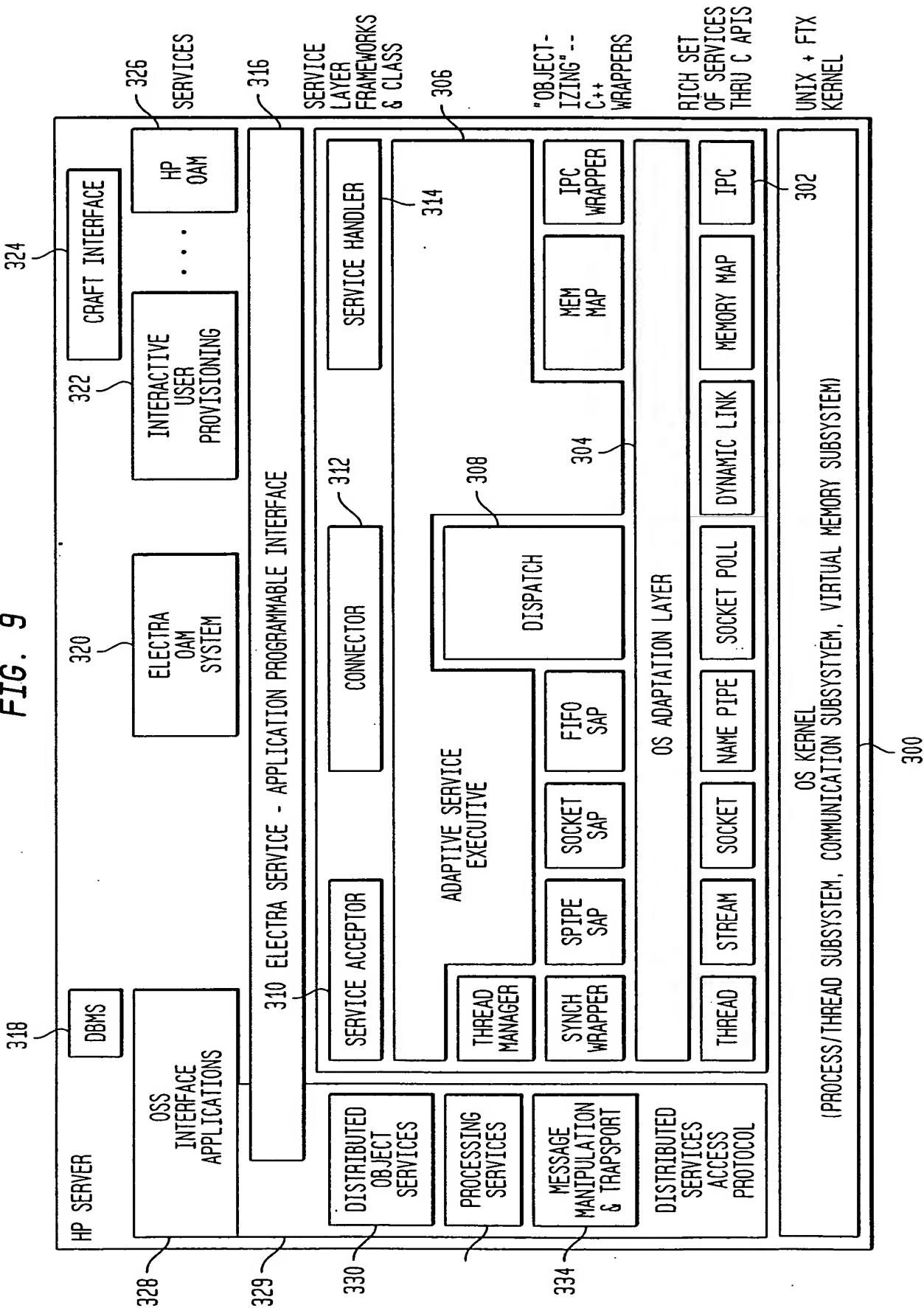
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FIG. 9



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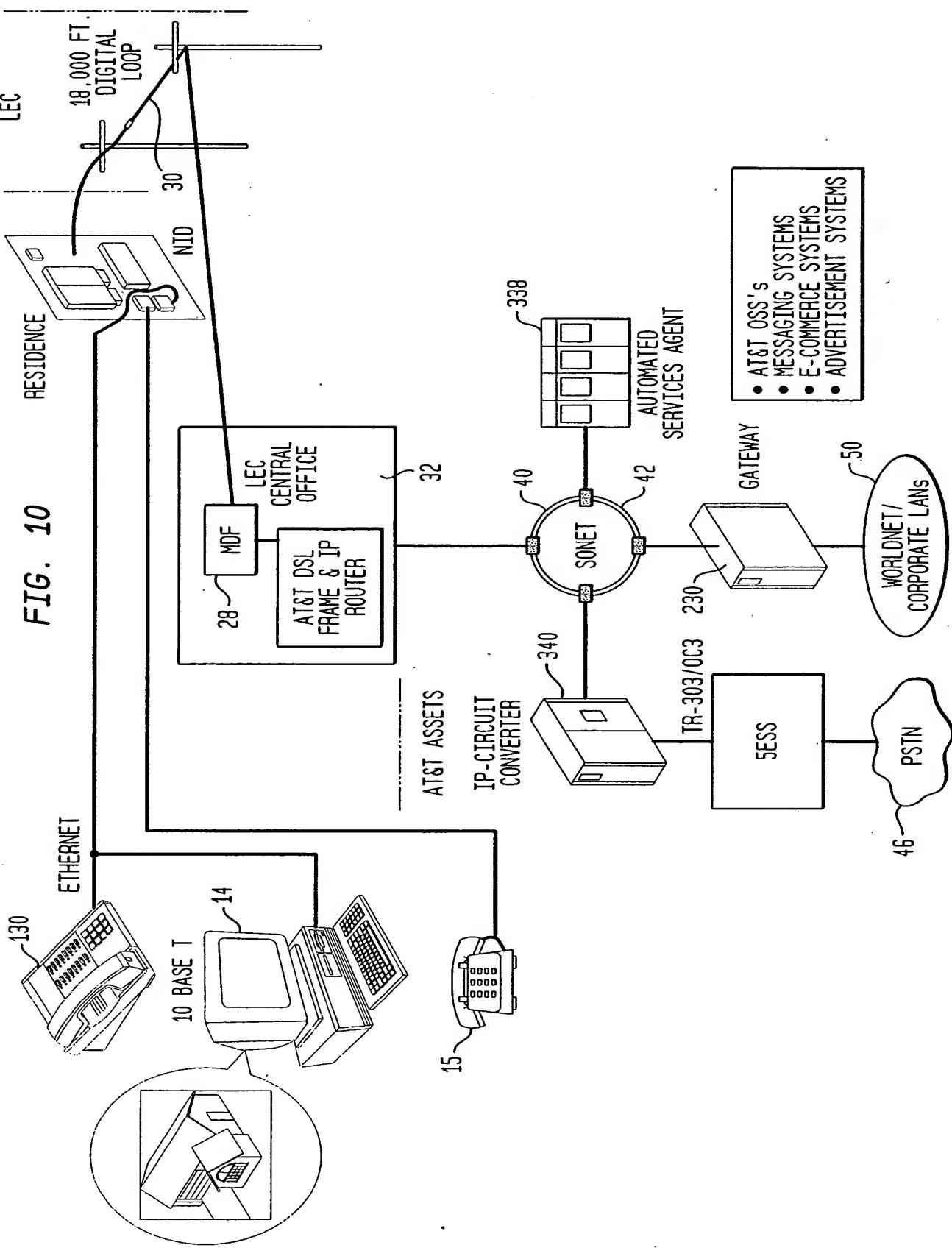


FIG. 11

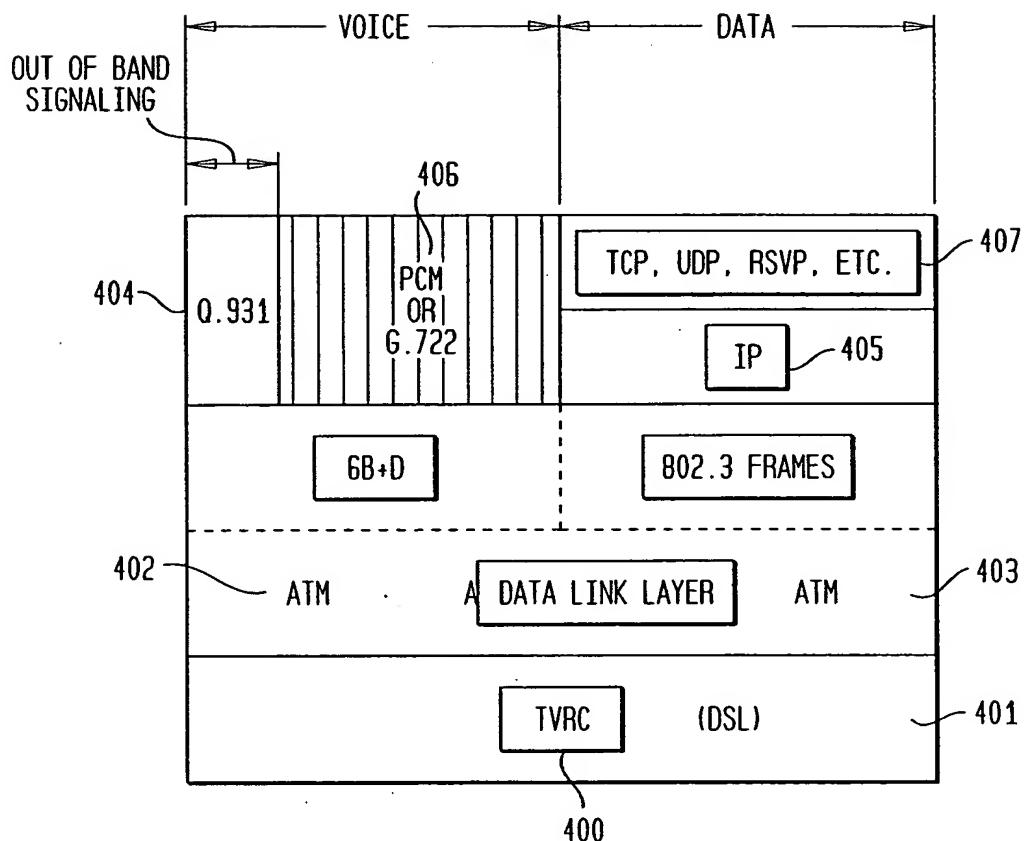
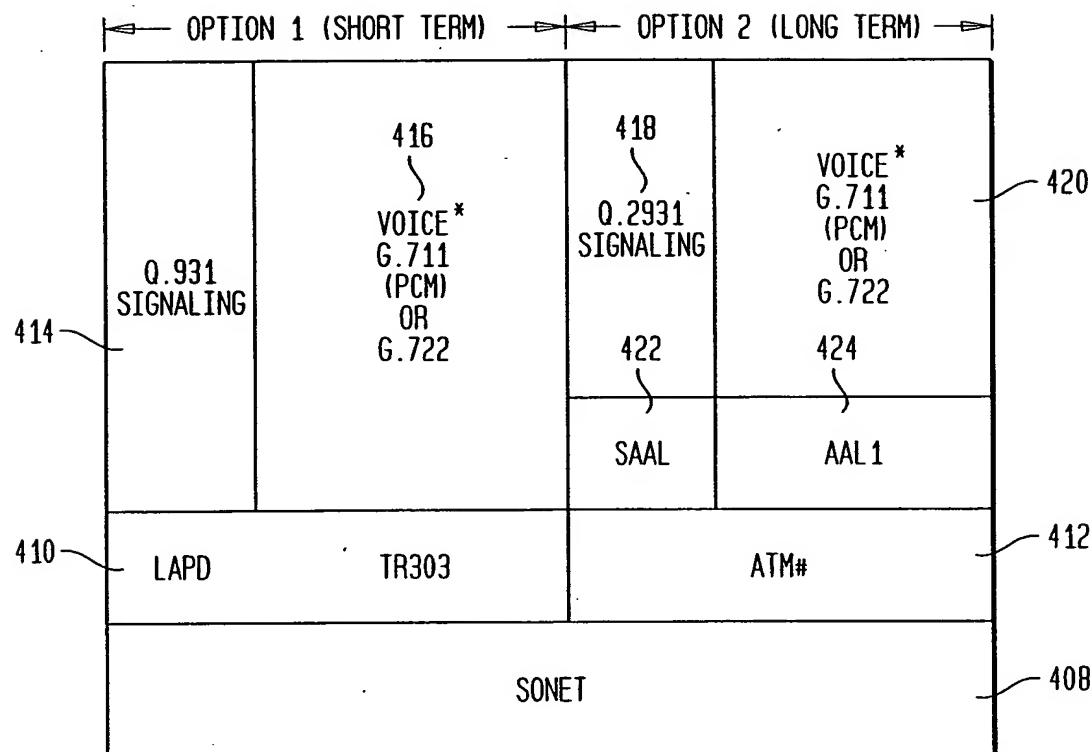
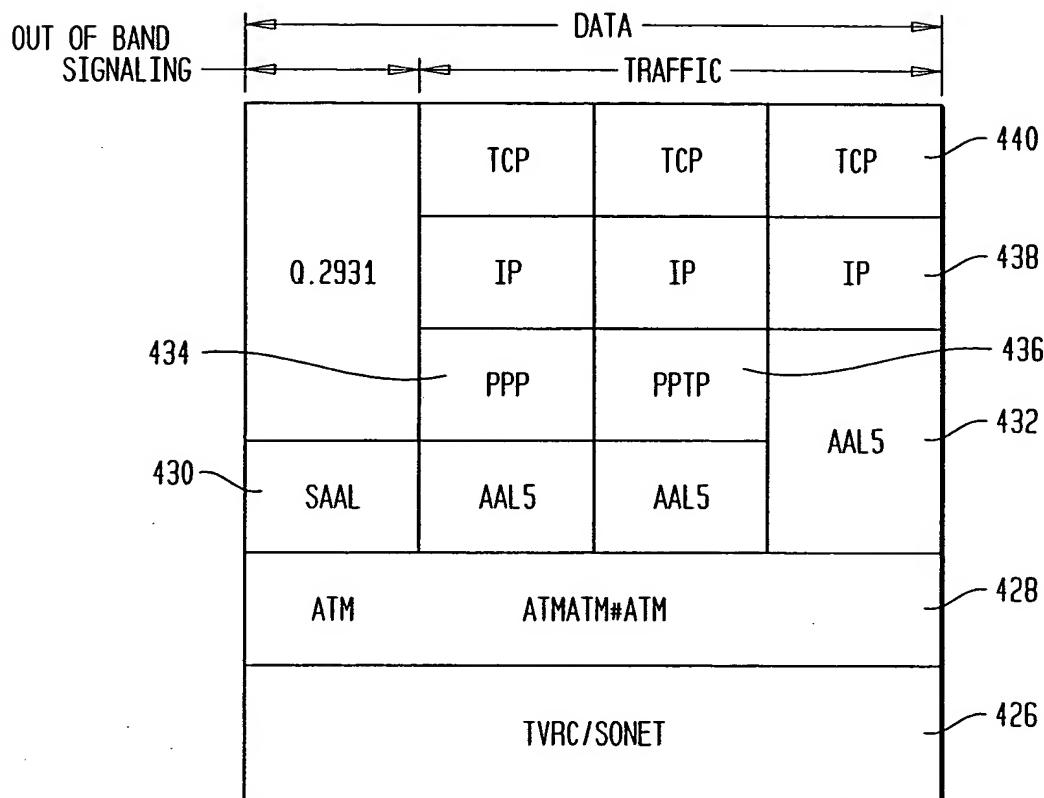


FIG. 12



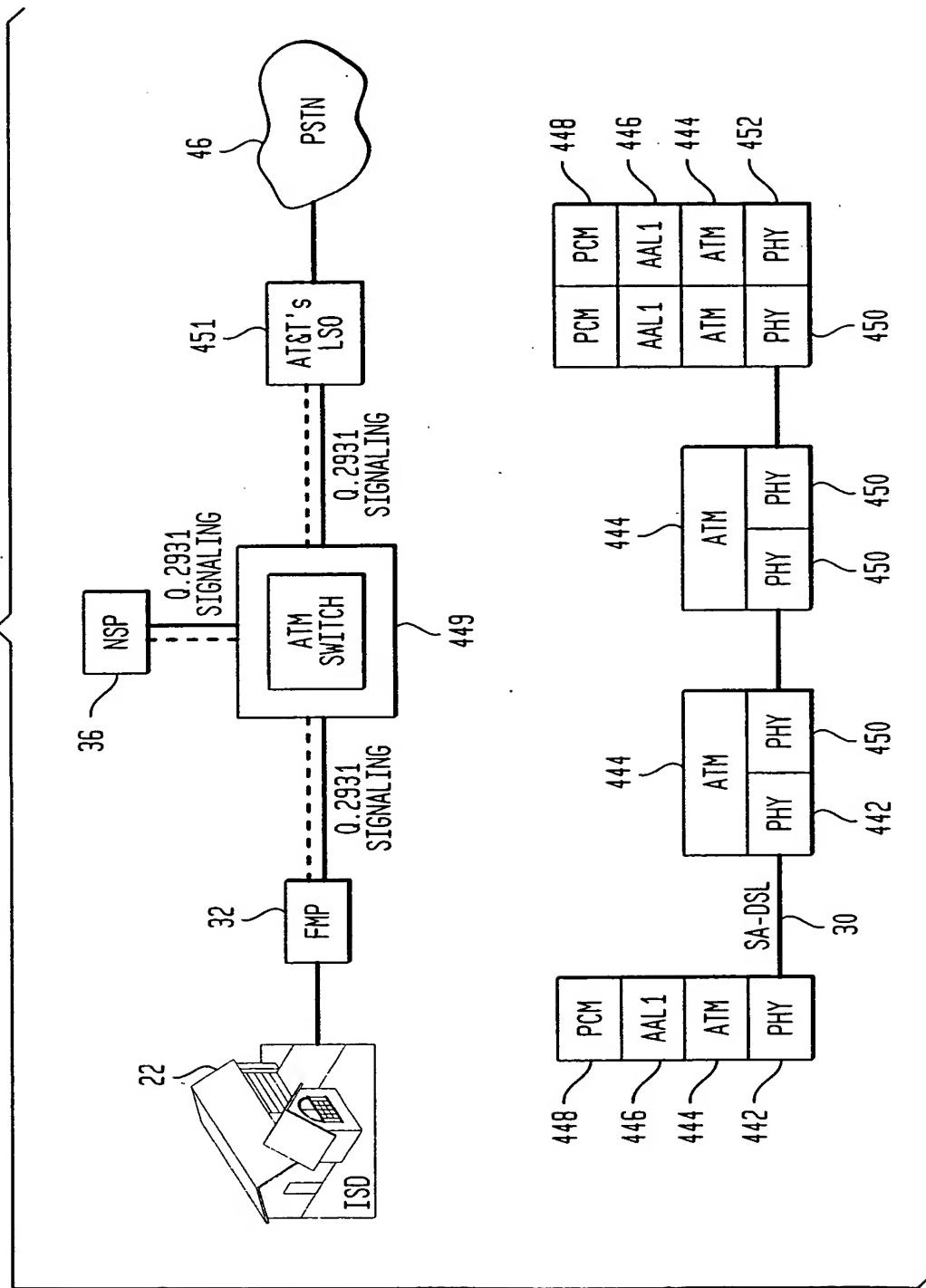
- * AN ALTERNATIVE OPTION IS IN-BAND SIGNALING
- # OTHER ALTERNATIVE OPTIONS WILL BE CONSIDERED

FIG. 13



* AN ALTERNATIVE OPTION IS IN-BAND SIGNALING
OTHER ALTERNATIVE OPTIONS WILL BE CONSIDERED

FIG. 14



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FIG. 15

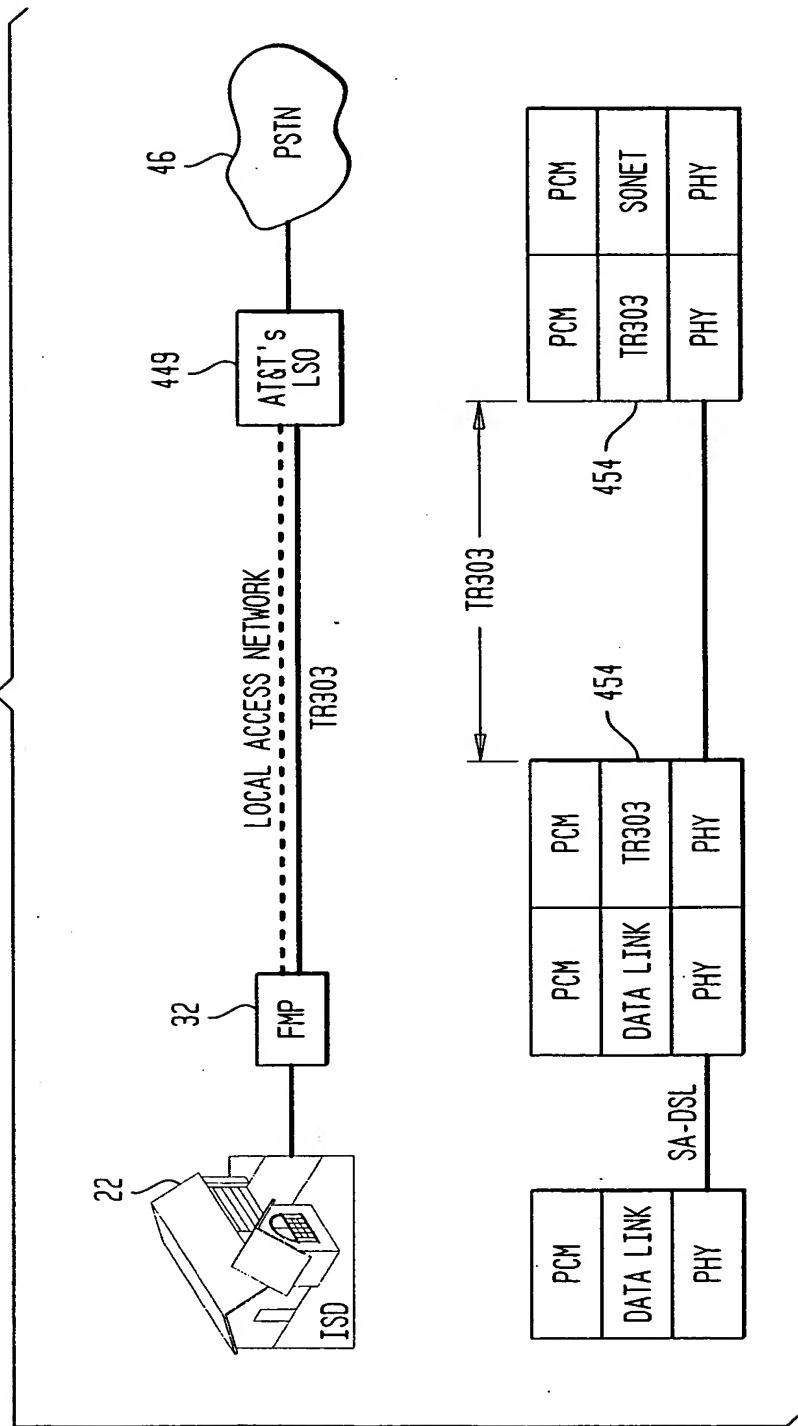


FIG. 16

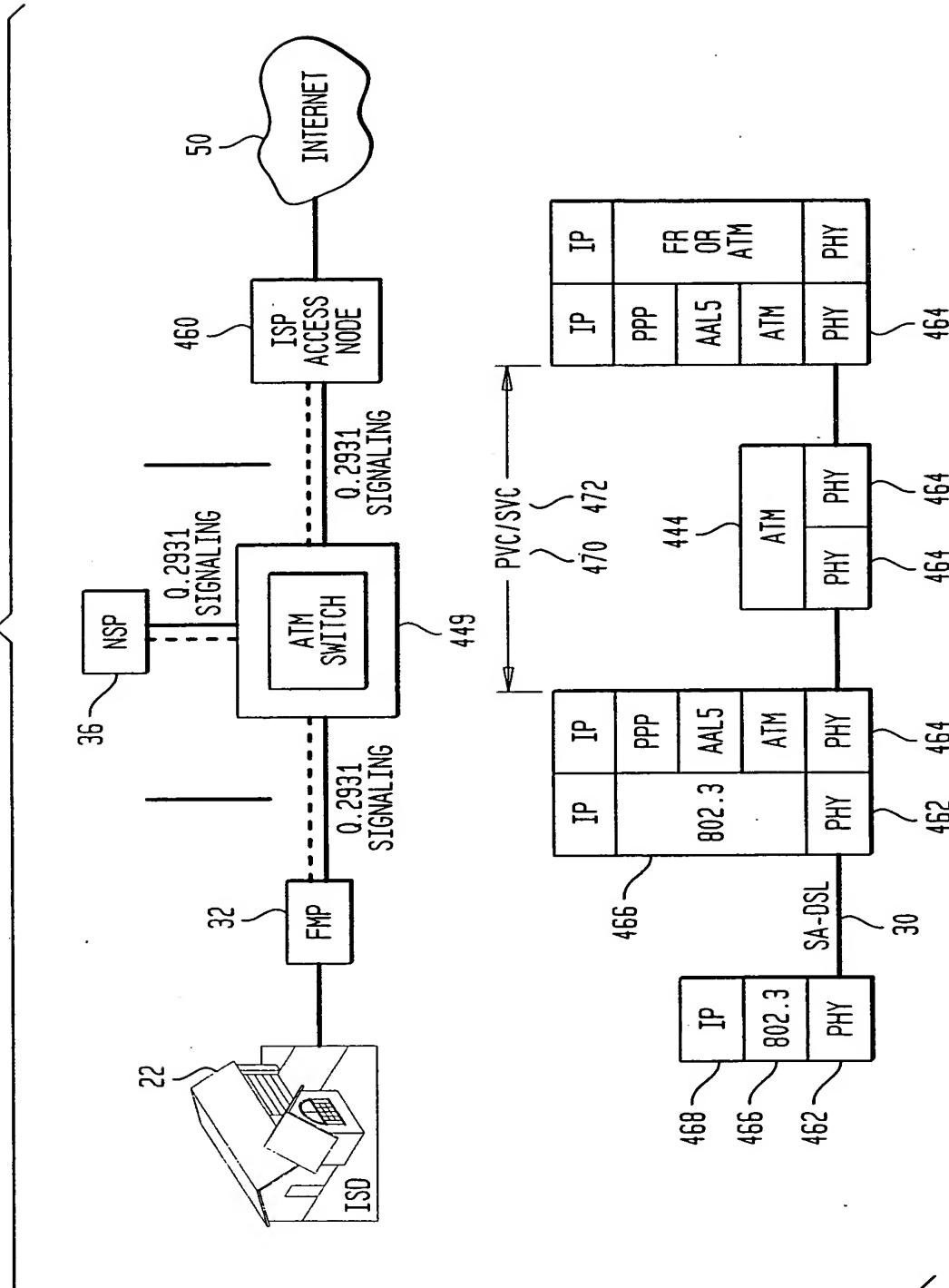


FIG. 17

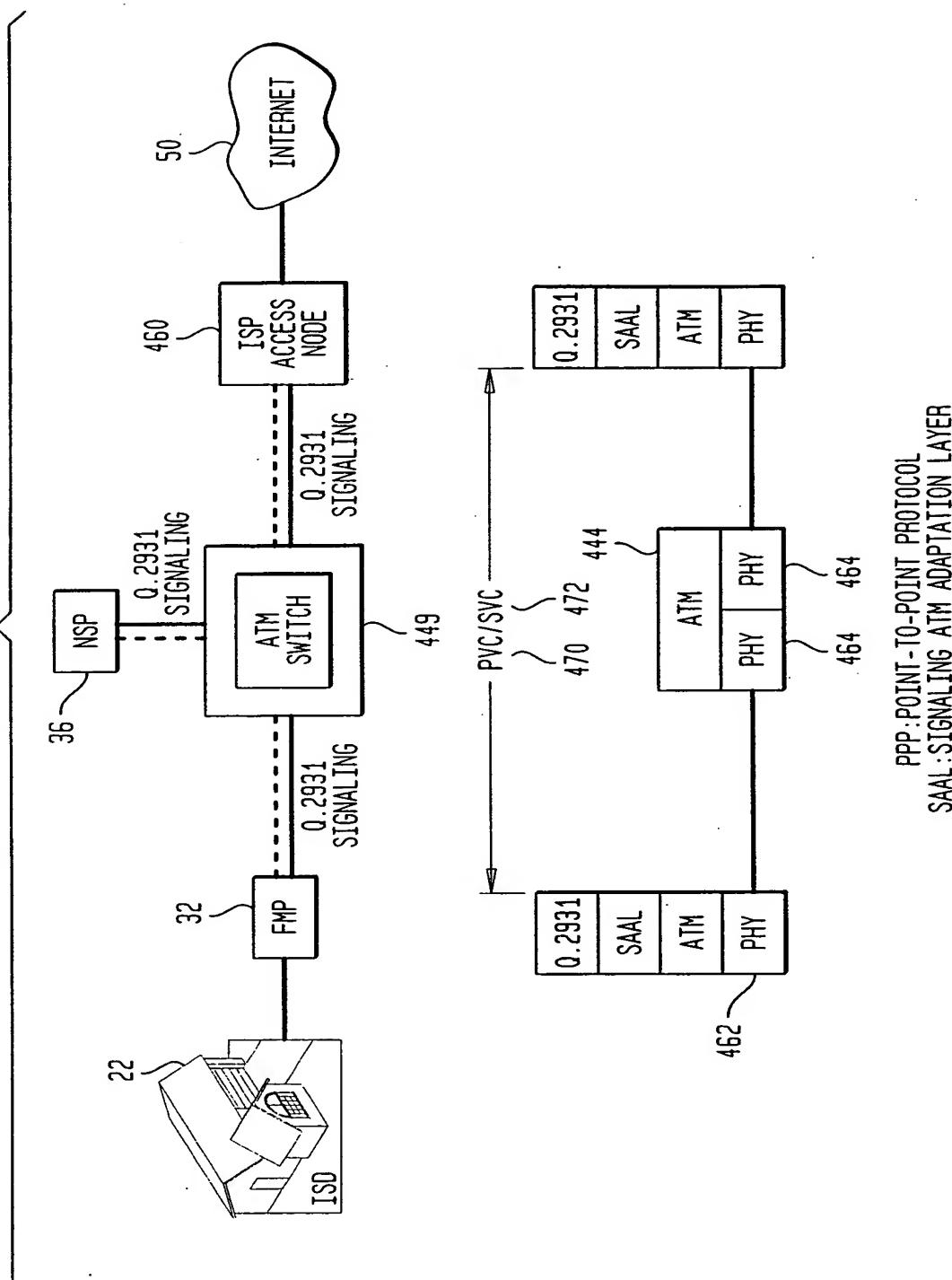


FIG. 18

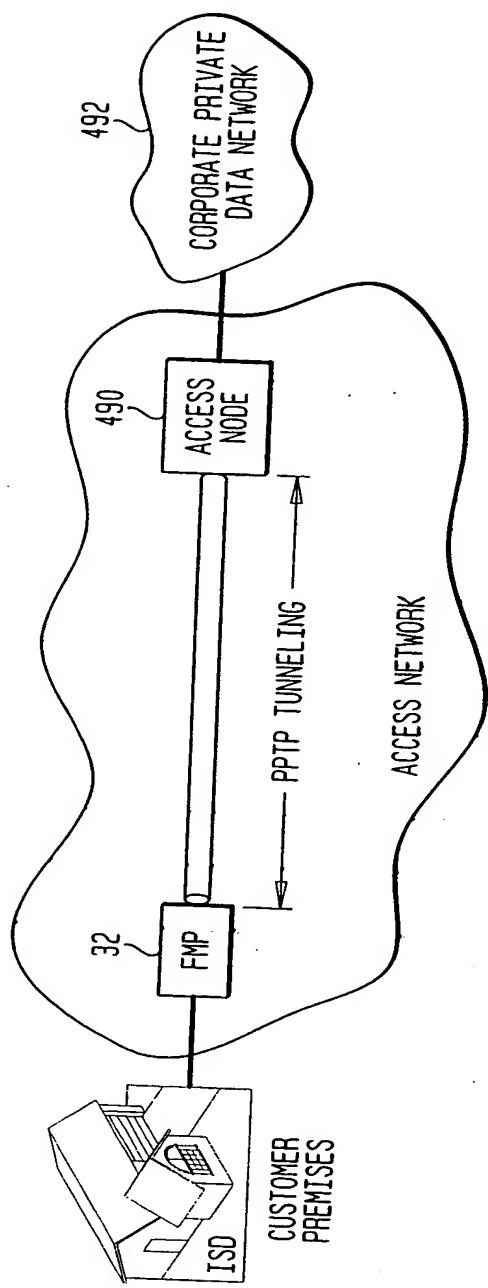


FIG: 19

